

## PENNSYLVANIA

|  | Pennsylvania |        |           | U.S.     |        |           | Range of State Scores |         | Median Scores <sup>†</sup> |        |
|--|--------------|--------|-----------|----------|--------|-----------|-----------------------|---------|----------------------------|--------|
|  | baseline     | update | progress? | baseline | update | progress? | baseline              | update  | baseline                   | update |
| <b>GOAL 1 Ready to Learn</b>   |              |        |           |          |        |           |                       |         |                            |        |
| 1. Reduced percentage of infants born in the state with 1 or more health risks? (1990, 1995) | 39%          | 37%    | ↑         | 37%      | 34%    | ↑         | 25-48%                | 24-46%  | 38%                        | 35%    |
| 2. Increased percentage of 2-year-olds immunized? (1994, 1996)                               | 77%          | 81%    | ↔         | 75%      | 78%    | ↑         | 61-88%                | 64-88%  | 76%                        | 79%    |
| 3. Reduced number of infants (per 1,000) born with low birthweight? (1990, 1995)             | 71           | 74     | ↓         | 70       | 73     | ↓         | 48-151                | 53-134  | 71                         | 75     |
| 4. Increased number of mothers (per 1,000) receiving early prenatal care? (1990, 1995)       | 797          | 834    | ↑         | 758      | 813    | ↑         | 469-868               | 560-900 | 778                        | 828    |
| 5. Increased number of children with disabilities in preschool (per 1,000)? (1991, 1996)     | 37           | 42     | ↑         | *        | *      |           | 16-68                 | 16-92   | 38                         | 47     |
| <b>GOAL 2 School Completion</b>  |              |        |           |          |        |           |                       |         |                            |        |
| 6. Increased high school completion rate? (1990, 1995)                                       | 90%          | 90%    | ↔         | 86%      | 86%    | ↔         | 77-96%                | 79-96%  | 87%                        | 88%    |
| 7. Reduced high school dropout rate? (1992, 1994)•   | 4%           | 4%     | ↔         | *        | *      |           | 3-12%                 | 3-10%   | 5%                         | 5%     |
| <b>GOAL 3 Student Achievement and Citizenship</b>  |              |        |           |          |        |           |                       |         |                            |        |
| 8. Increased reading achievement in Grade 4? (1992, 1994)•                                   | 32%          | 30%    | ↔         | 29%      | 30%    | ↔         | 8-38%                 | 8-41%   | 26%                        | 27%    |
| 9. Increased mathematics achievement•  |              |        |           |          |        |           |                       |         |                            |        |
| • in Grade 4? (1992, 1996)   | 22%          | 20%    | ↔         | 18%      | 21%    | ↑         | 5-27%                 | 3-31%   | 16%                        | 20%    |
| • in Grade 8? (1990, 1992)   | 17%          | 22%    | ↔         | 15%      | 21%    | ↑         | 1-27%                 | 1-31%   | 15%                        | 18%    |
| 10. Increased science achievement in Grade 8? (1996)   | —            | —      |           | 29%      | —      |           | 5-41%                 | —       | 27%                        | —      |

## KEY

- ↑ Significant progress
- ↓ Significant decline
- ↔ Change is not significant

<sup>†</sup> Median is the middle score in a set of ranked scores.

\* Comparable national data are not available.

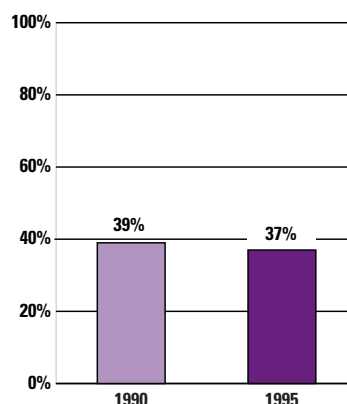
— Data not available. See Appendix A.

• Baseline years and most recent update years may differ by state for this indicator. See Appendix C for more information.

See pages 72-75 for a Guide to Reading the State Pages.

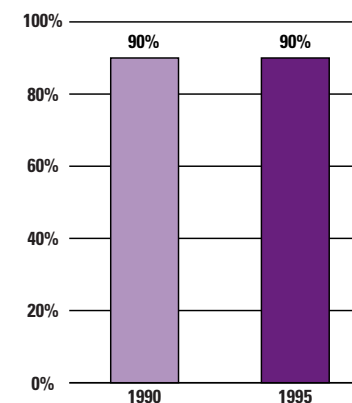
See Appendix C for technical notes and sources.

**Children's Health Index**  
Percentage of infants born with 1 or more health risks<sup>1</sup> (Indicator 1)



<sup>1</sup> Includes late (in third trimester) or no prenatal care, low maternal weight gain (less than 21 pounds), mother smoked during pregnancy, or mother drank alcohol during pregnancy.

**High School Completion**  
Percentage of all 18- to 24-year-olds<sup>1</sup> who have a high school credential<sup>2</sup> (Indicator 6)



<sup>1</sup> Does not include those still in high school.

<sup>2</sup> Includes traditional high school diploma and alternative credential.

| Pennsylvania |        |           | U.S.     |        |           | Range of State Scores |        | Median Scores <sup>†</sup> |        |
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**GOAL 3 Student Achievement and Citizenship (continued)**

11. Increased the number of Advanced Placement examinations receiving a grade of 3 or higher (per 1,000)? (1991, 1997)<sup>°</sup>

|    |    |   |    |    |   |       |        |    |    |
|----|----|---|----|----|---|-------|--------|----|----|
| 44 | 70 | ↑ | 55 | 85 | ↑ | 9-177 | 18-223 | 41 | 65 |
|----|----|---|----|----|---|-------|--------|----|----|

**GOAL 4 Teacher Education and Professional Development**

12. Increased the percentage of public secondary school teachers who hold
- a degree in main teaching assignment? (1991, 1994)
  - a teaching certificate in main teaching assignment? (1991, 1994)
13. Increased the percentage of public school teachers participating in professional development on 1 or more selected topics? (1994)
14. Increased the percentage of public school teachers with training to teach limited English-proficient students? (1994)
15. Increased the percentage of beginning public school teachers participating in a formal teacher induction program? (1991, 1994)

|     |     |   |     |     |   |         |         |     |     |
|-----|-----|---|-----|-----|---|---------|---------|-----|-----|
| 78% | 72% | ↓ | 66% | 63% | ↓ | 51-85%  | 50-81%  | 69% | 64% |
| 99% | 99% | ↔ | 94% | 93% | ↓ | 91-100% | 89-100% | 98% | 97% |
| 82% | —   |   | 85% | —   |   | 76-98%  | —       | 86% | —   |
| 10% | —   |   | 16% | —   |   | 4-81%   | —       | 16% | —   |
| 20% | 31% | ↑ | 22% | 27% | ↑ | 6-42%   | 7-48%   | 20% | 23% |

**GOAL 5 Mathematics and Science**

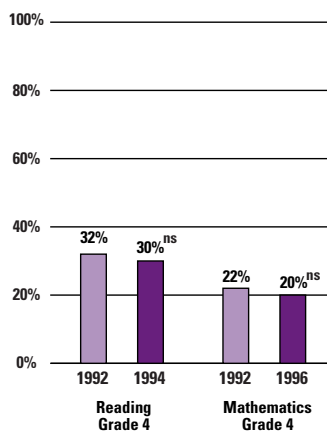
16. International comparisons in mathematics and science will be reported in future Goals Panel reports.<sup>∞</sup>

|   |   |  |   |   |  |   |   |   |   |
|---|---|--|---|---|--|---|---|---|---|
| — | — |  | — | — |  | — | — | — | — |
|---|---|--|---|---|--|---|---|---|---|

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**Student Achievement**  
Percentage of public school students who met the Goals Panel's performance standard<sup>1</sup> in reading and mathematics (Indicators 8 & 9)

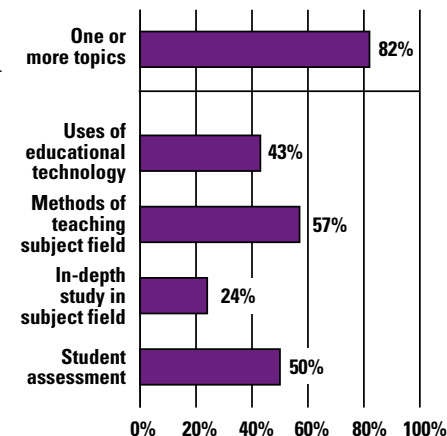


<sup>1</sup> A complete description of the performance standard can be found in Appendix C.

<sup>ns</sup> Interpret with caution. Change was not statistically significant.

**Professional Development**

Percentage of public school teachers participating in professional development on the following topics, 1994 (Indicator 13)



<sup>†</sup> Median is the middle score in a set of ranked scores.

<sup>°</sup> See Table 8 for the numbers for each subject area.

— Data not available. See Appendix A.

<sup>∞</sup> This information had not been released when the 1997 Goals Report went to print.

See pages 72-75 for a Guide to Reading the State Pages.

See Appendix C for technical notes and sources.

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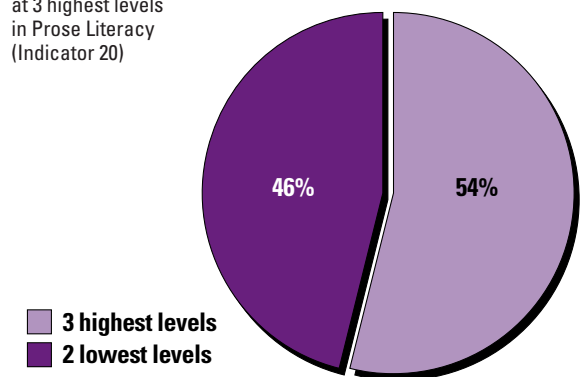
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|---|--------------|--------|-----------|----------|--------|-----------|-----------------------|--------|----------------------------|--------|
|   | baseline     | update | progress? | baseline | update | progress? | baseline              | update | baseline                   | update |
| <b>GOAL 5 Mathematics and Science (continued)</b>   |              |        |           |          |        |           |                       |        |                            |        |
| 17. Increased the percentage of public school 8th graders whose mathematics teachers  |              |        |           |          |        |           |                       |        |                            |        |
| • have students work in small groups? (1996)  | —            | —      |           | 66%      | —      |           | 45-92%                | —      | 67%                        | —      |
| • address Algebra and functions? (1996)   | —            | —      |           | 57%      | —      |           | 45-82%                | —      | 58%                        | —      |
| • address reasoning and analytical ability? (1996)  | —            | —      |           | 52%      | —      |           | 39-64%                | —      | 48%                        | —      |
| 18. Increased the percentage of public school 8th graders who have computers available in their mathematics classroom? (1996) | —            | —      |           | 30%      | —      |           | 7-54%                 | —      | 30%                        | —      |
| 19. Increased mathematics and science degrees awarded to  |              |        |           |          |        |           |                       |        |                            |        |
| • all students? (1991, 1995)  | 40%          | 44%    | ↑         | 39%      | 42%    | ↑         | 25-49%                | 15-53% | 39%                        | 42%    |
| • minority (Black, Hispanic, American Indian/Alaskan Native) students? (1991, 1995)   | 40%          | 40%    | ↔         | 39%      | 40%    | ↑         | 22-64%                | 22-57% | 39%                        | 39%    |
| • female students? (1991, 1995)   | 36%          | 40%    | ↑         | 35%      | 37%    | ↑         | 23-46%                | 13-47% | 33%                        | 36%    |
| <b>GOAL 6 Adult Literacy and Lifelong Learning</b>  |              |        |           |          |        |           |                       |        |                            |        |
| 20. Increased adult literacy? (1992)  | 54%          | —      |           | 52%      | —      |           | 46-77%                | —      | 53%                        | —      |
| 21. Increased the percentage of U.S. citizens   |              |        |           |          |        |           |                       |        |                            |        |
| • registered to vote? (1988, 1992)  | 63%          | 66%    | ↑         | 70%      | 73%    | ↑         | 58-95%                | 63-92% | 71%                        | 75%    |
| • voting? (1988, 1992)  | 56%          | 61%    | ↑         | 61%      | 66%    | ↑         | 50-74%                | 55-77% | 62%                        | 68%    |
| 22. Increased postsecondary enrollment? (1992, 1994)  | 55%          | 57%    | ↑         | **       | **     |           | 33-68%                | 37-71% | 53%                        | 55%    |

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**Adult Literacy**  
 Percentage of adults who scored at 3 highest levels in Prose Literacy (Indicator 20)



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### GOAL 7 Safe, Disciplined and Alcohol- and Drug-free Schools

|  |     |     |   |     |     |        |        |        |     |     |
|--|-----|-----|---|-----|-----|--------|--------|--------|-----|-----|
| 23. Reduced marijuana use? (1991, 1995)•   | —   | —   |   | **  | **  | 4-18%  | 7-32%  | 10%    | 23% |     |
| 24. Reduced alcohol use (more than 5 drinks in a row)? (1991, 1995)•                             | —   | —   |   | **  | **  | 17-43% | 13-43% | 30%    | 31% |     |
| 25. Reduced availability of drugs on school property? (1993, 1995)•                              | —   | —   |   | **  | **  | 11-31% | 20-46% | 22%    | 30% |     |
| 26. Reduced students threatened or injured with a weapon while on school property? (1993, 1995)• | —   | —   |   | **  | **  | 6-15%  | 4-11%  | 8%     | 8%  |     |
| 27. Reduced physical fights on school property? (1993, 1995)•                                    | —   | —   |   | **  | **  | 13-39% | 12-19% | 16%    | 15% |     |
| 28. Reduced students carrying weapons on school property? (1993, 1995)•                          | —   | —   |   | **  | **  | 8-18%  | 7-14%  | 12%    | 11% |     |
| 29. Reduced students not feeling safe at school? (1993, 1995)•                                   | —   | —   |   | **  | **  | 3-23%  | 3-16%  | 6%     | 5%  |     |
| 30. Reduced teacher victimization? (1994)  | 13% | —   |   | 15% | —   | 8-26%  | —      | 14%    | —   |     |
| 31. Reduced student disruptions? (1991, 1994)  | 33% | 49% | ↓ | 37% | 46% | ↓      | 23-60% | 33-65% | 37% | 47% |

### GOAL 8 Parental Participation

|  |     |     |   |    |    |       |        |     |     |
|--|-----|-----|---|----|----|-------|--------|-----|-----|
| 32. Decreased schools with minimal parental involvement      |     |     |   |    |    |       |        |     |     |
| • Teacher's perspective? (1991, 1994)                        | 18% | 21% | ↔ | ** | ** | 9-44% | 13-50% | 23% | 27% |
| • Principal's perspective? (1991, 1994)                      | 13% | 10% | ↔ | ** | ** | 4-22% | 3-27%  | 13% | 13% |
| 33. Increased influence of parent associations? (1991, 1994) | 10% | 28% | ↑ | ** | ** | 8-37% | 12-50% | 16% | 22% |

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